

## Contents

General Terminology Induction in OWL . . . . .	1
<i>Viachaslau Sazonau, Uli Sattler, and Gavin Brown</i>	
OBOwLMorph: Starting Ontology Development from PURO Background Models . . . . .	14
<i>Marek Dudáš, Tomáš Hanzal, Vojtěch Svátek, and Ondřej Zamazal</i>	
A Similarity Based Approach to Omission Finding in Ontologies . . . . .	21
<i>Tahani Alsubait, Bijan Parsia, and Uli Sattler</i>	
An Ontology for Supporting the Evolution of Virtual Reality Scenarios . . . . .	33
<i>Mauro Dragoni, Chiara Ghidini, Paolo Busetta, Mauro Fruet, and Matteo Pedrotti</i>	
Collaborative Editing of Ontologies Using Fluent Editor and Ontorion . . . . .	45
<i>A. Seganti, P. Kapłański, and P. Zarzycki</i>	
Integrating Ontology Negotiation and Agent Communication . . . . .	56
<i>Marlo Souza, Alvaro Moreira, Renata Vieira, and John-Jules Ch. Meyer</i>	
Lifting EMMeT to OWL Getting the Most from SKOS . . . . .	69
<i>Bijan Parsia, Tahani Alsubait, Jared Leo, Veronique Malaisé, Sophie Forge, Michelle Gregory, and Andrew Allen</i>	
Experiences with Aber-OWL, an Ontology Repository with OWL EL Reasoning . . . . .	81
<i>Luke Slater, Miguel Ángel Rodríguez-García, Keiron O'Shea, Paul N. Schofield, Georgios V. Gkoutos, and Robert Hoehndorf</i>	
Towards a Rule Based Distributed OWL Reasoning Framework . . . . .	87
<i>Raghava Mutharaju, Prabhaker Mateti, and Pascal Hitzler</i>	
Improving OWL RL Reasoning in N3 by Using Specialized Rules . . . . .	93
<i>Dörthe Arndt, Ben De Meester, Pieter Bonte, Jeroen Schaballie, Jabran Bhatti, Wim Dereuddre, Ruben Verborgh, Femke Ongenae, Filip De Turck, Rik Van de Walle, and Erik Mannens</i>	
On the Capabilities and Limitations of OWL Regarding Typecasting and Ontology Design Pattern Views . . . . .	105
<i>Adila A. Krisnadhi, Pascal Hitzler, and Krzysztof Janowicz</i>	